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## AMENDMENTS TO THE CLAIMS

1 1. (currently amended) A method for producing a pigment, comprising: 2 a) adding a phosphorus compound to an aqueous suspension of titanium dioxide base material, 3 then b) adding a titanium compound; and 4 5 c) adding an aluminum compound, wherein no significant amount of zircopium compound is added to the aqueous suspension of 6 7 titanium dioxide base material. 1 2. (Original) The method of claim 1, further comprising: 2 d) adjusting the pH value of the suspension to a value of from 8 to 10. 1 3. (Original) The method of claim 1, wherein the added phosphorus compound is an inorganic 2 phosphorus compound. 1 4. (Original) The method of claim 3, wherein the inorganic phosphorus compound is selected 2 from the group consisting of alkali phosphates, ammonium phosphates, polyphosphates, 3 and phosphoric acid. : 1 5. (Original) The method of claim 1, wherein the added phosphorus compound is 0.4 to 6.0% 2 by weight calculated as P<sub>2</sub>O<sub>5</sub>, referred to TiO<sub>2</sub> base material in the suspension.

6. (Original) The method of claim 5, wherein the added phosphorus compound is 1.0 to 4.0%

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simultaneous addition of a pH modifying compound.

22.(Original) The method of claim 21, wherein during the addition of the aluminum compound,

the pH value of the suspension is maintained constant in the range from 6 to 8 by the

1	23. (Original) The method of claim 1, wherein the total quantity of the aluminum compounds
2	added is 2.0 to 7.5% by weight, calculated as Al <sub>2</sub> O <sub>3</sub> , referred to TiO <sub>2</sub> base material.
3	24. (Original) The method of claim 23, wherein the total quantity of the aluminum compounds
4	added is 3.5 to 7.5% by weight, calculated as $Al_2O_3$ , referred to $TiO_2$ base material.
1	25. (Original) The method of claim 1, further comprising
	d) adding a magnesium compound.
1	26. (Original) The method of claim 25, wherein the magnesium compound added is selected
2	from the group consisting of magnesium sulphate and magnesium chloride.
1	27. (Original) The method of claim 25, wherein the quantity of magnesium compound added is
2	$0.1$ to $1.0\%$ by weight, calculated as MgO, referred to $\mathrm{TiO_2}$ base material in the
3	suspension.
1	28. (Original) The method of claim 27, wherein the quantity of magnesium compound added is
2	$0.2$ to $0.5\%$ by weight, calculated as MgO, referred to $\mathrm{TiO}_2$ base material in the
3	suspension.
1	29. (Original) The method of claim 25, further comprising
2	e) treating the pigment with an added material in order to influence the final pH value of the
3	suspension wherein the final pH value of the pigment is controlled by the pH and the
4	quantity of the added material.
1	30. (Original) The method of claim 29, where the added material is a nitrate compound.

31. (Original) The method of claim 30, where the finished pigment contains up to 1.0% by

2 weight NO. 1 32. (canceled 33. (canceled) 1 34. (Original) The method of claim 1, where the titanium dioxide base material is milled before 1 2 step a). 35. (Original) The method of claim 34, where the titanium dioxide base material is wet-milled 1 2 and where a dispersant is added during milling. 1 36. (canceled) 1 37. (canceled) : 1 38. (canceled) 1 39. (canceled) 42. 40. (currently amended) A material, comprising; 1 2 a titanium dioxide pigment material; the titanium dioxide comprising a very large plurality of 3 TiO2 particles, each particle having a surface; phosphorus containing material attached to the surface of each particle; 5 titanium containing material additional to the titanium dioxide material of the surface attached to 6 the phosphorus containing material; and

- 1 45: 43. (currently amended) The material of claim 42 40, further comprising;
- 2 nitrate and magnesium containing material attached to the aluminum containing material.
- 1 46. 44. (currently amended) The material of claim 42 40, wherein the resultant particles contain an insignificant amount of zirconium.
- 47. 45. (currently amended) The material of claim 42 40, wherein the titanium dioxide
   pigment material is incorporated into further comprising a decorative laminated paper.
- 1 48: 46. (canceled) The material of claim 42 40 further comprising a resin.
- 47. (new) The material of claim 41, wherein the titanium dioxide pigment material is incorporated into a decorative laminated paper.
- 1 48. (new) The material of claim 42, wherein the titanium dioxide pigment material is 2 incorporated into a decorative laminated paper.

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compound.

d) adjusting the pH value to a value between 8 and 10 by adding an alkaline aluminum

. 1	54. (new) The method of claim 52, further comprising:
2	d) adjusting the pH value to a value between 8 and 10 by adding an alkaline aluminum compound in combination with a base.
: · 4	55. (new) A method for producing a pigment, comprising:
5	a) adding a phosphorus compound to an aqueous suspension of titanium dioxide base material, then
7	b) adding a titanium compound; and
8	c) adding an aluminum compound, and
	d) adding a magnesium compound.
1	56.(new) The method of claim 55, wherein the magnesium compound added is selected from the group consisting of magnesium sulphate and magnesium chloride.
1 2	57. (new) The method of claim 55, wherein the quantity of magnesium compound added is 0.1 to 1.0% by weight, calculated as MgO, referred to TiO <sub>2</sub> base material in the suspension.
1	58. (new) The method of claim 57, wherein the quantity of magnesium compound added is 0.2 to 0.5% by weight, calculated as MgO, referred to TiO <sub>2</sub> base material in the suspension.
l	59. (new) The method of claim 55, further comprising
2	e) treating the pigment with an added material in order to influence the final pH value of the
	Docket No 903-007 (TG169 US) serial No. 10/638154 Inventors Lydia Drews-Nicolai, Siegified Bluernel, Lother Effenthal, Volker Schmitt, Method for the surface treatment of a ulternium dioxide promonus filling data of the promonus of the pr

- suspension wherein the final pH value of the pigment is controlled by the pH and the quantity of the added material.
- I 60. (new) The method of claim 59, where the added material is a nitrate compound.
- 1 61. (New) The method of claim 60, where the finished pigment contains up to 1.0% by weight 2 NO<sub>3</sub>.